



ACREAGE SUMMARY (IN ACRES)		
1	WALMART PROPERTY AREA	24.545
2	PERMITTED AREA WITHIN WALMART PROPERTY	0.67
3	PERMITTED AREA OUTSIDE OF WALMART PROPERTY	0.00
4	TOTAL PERMITTED PROJECT AREA (MUST MATCH NOI)	0.67
5	IMPERVIOUS AREA BEFORE PROJECT	0.48
6	IMPERVIOUS AREA AT COMPLETION	0.52
7	PERVIOUS AREA AT COMPLETION	0.19

SOURCE BOX	
LAST REVISED:	WAL-MART
JUNE 2013	STANDARD
	DETAIL

### SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR ESTIMATED PROJECT SCHEDULE												
CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONSTRUCTION EXIT												
TEMPORARY CONTROL MEASURES												
STRIP & STOCKPILE TOPSOIL												
ROUGH GRADING												
STORM FACILITIES												
SITE CONSTRUCTION												
FINISH GRADING												
PERMANENT CONTROL STRUCTURES												
FOUNDATION/BUILDING CONSTRUCTION												
LANDSCAPING/SOD/FINAL STABILIZATION												

- 1) CONTRACTOR MUST COMPLETE TABLE WITH ESTIMATED DATES OR PROJECT ACTIVITIES PRIOR TO BMP CERTIFICATION.  
2) TIME SCHEDULE MUST COINCIDE WITH THE SWPPP IMPLEMENTATION SEQUENCE.

SOURCE BOX	
LAST REVISED:	WAL-MART
APRIL 30, 2011	STANDARD
	DETAIL

#### NOTES:

- PERMANENT STABILIZATION SHALL BE ACCOMPLISHED IN ALL DISTURBED AREAS BY COVERING THE SOIL WITH PAVEMENT, BUILDING STRUCTURES, VEGETATION, OR OTHER FORMS OF SOIL STABILIZATION.
- THE GC IS REQUIRED TO INITIATE PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY UPON REACHING FINAL GRADE. FOR THOSE AREAS NOT AT FINAL GRADE THAT WILL NOT BE DISTURBED FOR GREATER THAN 14 DAYS, THE CONTRACTOR SHALL INITIATE TEMPORARY STABILIZATION PER THE TEMPORARY SEEDING OR STABILIZATION DETAIL.
- THE GC HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETE SOIL PREPARATION, SEEDING, MULCHING, AND ANY OTHER REQUIRED ACTIVITIES RELATED TO THE PLANTING AND ESTABLISHMENT OF VEGETATION. THE GC ALSO HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETELY INSTALL NON-VEGETATED MEASURES, IF UTILIZED.
- SOILS MUST BE PREPARED BEFORE INSTALLATION OF SOD OR SEED. SEE 02900 SPECIFICATION FOR INSTRUCTION ON PROPER SOIL PREPARATION.
- AT THE COMPLETION OF GROUND-DISTURBING ACTIVITIES, THE ENTIRE SITE MUST HAVE PERMANENT VEGETATIVE COVER MEETING VEGETATIVE DENSITY REQUIREMENTS IN THE GENERAL PERMIT, OR MULCH PER LANDSCAPE PLAN, IN ALL AREAS NOT COVERED BY HARDSCAPE (STONE, PAVEMENT, BUILDINGS, ETC.).
- SEEDING AREAS SHALL BE PROTECTED WITH STRAW MULCH, HYDRAULIC MULCH OR A ROLLED EROSION CONTROL PRODUCT. STRAW MULCH MUST BE TACKIFIED OR CRIMPED BY DIRT OR OTHER MACHINERY, AND ROLLED EROSION CONTROL PRODUCTS MUST BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. ONLY ROLLED EROSION CONTROL PRODUCTS ARE PERMITTED TO BE USED IN FLOW CONVEYANCES.
- ALL AREAS TO BE SEEDDED MUST MEET TOPSOIL DEPTH, PH AND ORGANIC CONTENT REQUIREMENTS AS SPECIFIED IN THE 02900 SPECIFICATION - PLANTING OR XERISCAPE SPECIFICATION.
- FINAL SITE STABILIZATION IS ACHIEVED WHEN PERENNIAL VEGETATIVE COVER PROVIDES PERMANENT STABILIZATION WITH A UNIFORM DENSITY GREATER THAN 70 PERCENT OVER THE ENTIRE AREA TO BE STABILIZED BY VEGETATIVE COVER. THIS AREA IS EXCLUSIVE OF AREAS THAT ARE COVERED WITH ROCK (CRUSHED GRANITE, GRAVEL, ETC.) OR LANDSCAPE MULCH, PAVED OR HAVE A BUILDING OR OTHER PERMANENT STRUCTURE ON THEM.

### PS PERMANENT SEEDING, SOD OR MULCHING

SOURCE BOX	
LAST REVISED:	WAL-MART
JUNE 2012	STANDARD
	DETAIL

#### NOTES:

- CONSIDERATION MUST BE GIVEN TO ANTICIPATED CLIMATE AND SEASONAL CONDITIONS WHEN PLANTING SEED.
- SEED SHALL BE FREE OF WEEDY SPECIES AND APPROPRIATE FOR SITE SOILS AND REGIONAL CLIMATE. SEED AND MULCH PER THE CONSTRUCTION DRAWINGS AND THE 02900 PLANTING SPECIFICATION IMMEDIATELY AFTER TOPSOIL IS APPLIED AND FINAL GRADE IS REACHED.
- THE SITE HAS ACHIEVED FINAL STABILIZATION ONCE ALL AREAS ARE COVERED WITH BUILDING FOUNDATION OR PAVEMENT, OTHER LANDSCAPING COVER (STONE, MULCH, ETC.), OR HAVE A STAND OF GRASS WITH A MINIMUM OF 70 PERCENT DENSITY OVER THE ENTIRE VEGETATED AREA, OR GREATER IN ACCORDANCE WITH THE GENERAL PERMIT REQUIREMENTS.
- VEGETATED AREAS MUST BE WATERED, FERTILIZED, AND RESEEDED AS NEEDED TO ACHIEVE THIS REQUIREMENT.
- THE VEGETATIVE DENSITY MUST BE MAINTAINED THROUGH PROJECT COMPLETION TO BE CONSIDERED STABILIZED. AREAS PROTECTED BY EROSION CONTROL BLANKETS ARE NOT PERMANENTLY STABILIZED UNTIL THE APPLICABLE GENERAL PERMIT REQUIREMENT FOR FINAL VEGETATIVE DENSITY IS ACHIEVED.
- RIP-RAP, MULCH, GRAVEL, DECOMPOSED GRANITE OR OTHER EQUIVALENT PERMANENT STABILIZATION MEASURES MAY BE EMPLOYED IN LIEU OF VEGETATION BASED ON SITE-SPECIFIC CONDITIONS, DESIGN AND GOVERNING AUTHORITY APPROVAL.
- ALL SEED AREAS SHALL BE INSPECTED REGULARLY TO CONFIRM THAT A HEALTHY STAND OF GRASS IS MAINTAINED.

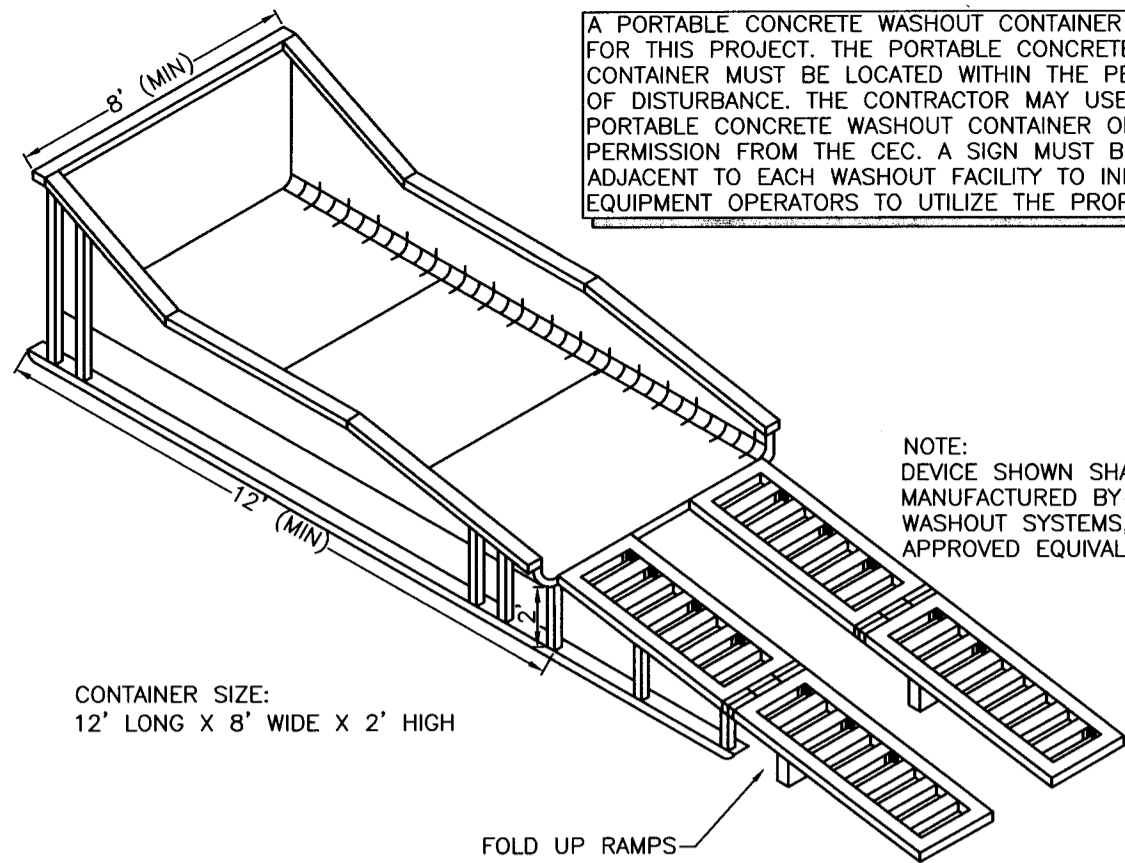
### SVR SEEDING/VEGETATION REQUIREMENTS

SOURCE BOX	
LAST REVISED:	WAL-MART
JUNE 2012	STANDARD
	DETAIL

#### SOD:

- ALL SODDED AREAS SHALL BE BERMUDA GRASS.
- SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.
- 3:1 SLOPES SHALL BE REINFORCED AND PEGGED TO HOLD SOD IN PLACE.
- ALL AREAS TO BE SODDED SHALL RECEIVE A MINIMUM 4" LAYER OF SUITABLE TOPSOIL THAT MEETS THE CONDITIONS LISTED BELOW AND THAT HAS BEEN TILLED, FINE GRADED, AND HAS HAD ALL STONES, ROOTS, DEBRIS, ETC REMOVED.
- SUITABLE TOPSOIL SHALL MEET THE FOLLOWING REQUIREMENTS:
  - IT SHALL ALL BE A RICH EASILY FRABLE BROWN OR BLACK LOAMY TO SANDY LOAM SOIL
  - 5% ORGANIC MATERIAL
  - PH OF 5.5 - 7.4
  - FREE OF WEEDS, LITTER, STIFF CLAY, OR STONES GREATER THAN 1" IN DIAMETER
  - HEAVY CLAYS AND FINE SILTY SOILS ARE NOT ACCEPTABLE
- SOD SHALL BE LAID AS SOON AS IT IS DELIVERED TO PLANTING AREAS. ONLY HEALTHY MOIST GREEN SOD SHALL BE LAID. ANY SOD WHICH IS BROWN AND UNDER STRESS IS UNACCEPTABLE. ANY SOD WHICH IS NOT LAID WITHIN 24 HOURS OF DELIVERY SHALL BE UNACCEPTABLE.
- SOD SHALL BE A MINIMUM OF 3/4" THICK, FREE OF WEEDS AND PESTS, AND CUT NO MORE THAN 24 HOURS PRIOR TO PLANTING.
- SOD PANELS SHALL BE LAID TIGHTLY TOGETHER AND END JOINTS STAGGERED SO AS TO MAKE A SOLID SODDED AREA.
- ANY JOINTS OR SEAMS THAT MAY EXIST AFTER LAYING SOD SHALL BE FILLED WITH SAND SO AS TO CREATE A SMOOTH AND UNIFORM GROWING SURFACE.
- SOD SHALL BE ROLLED AND WATERED AT THE TIME OF INSTALLATION TO ENSURE GOOD SOD-SOIL CONTACT AND TO PROVIDE A SMOOTH, UNIFORM WALKING SURFACE.

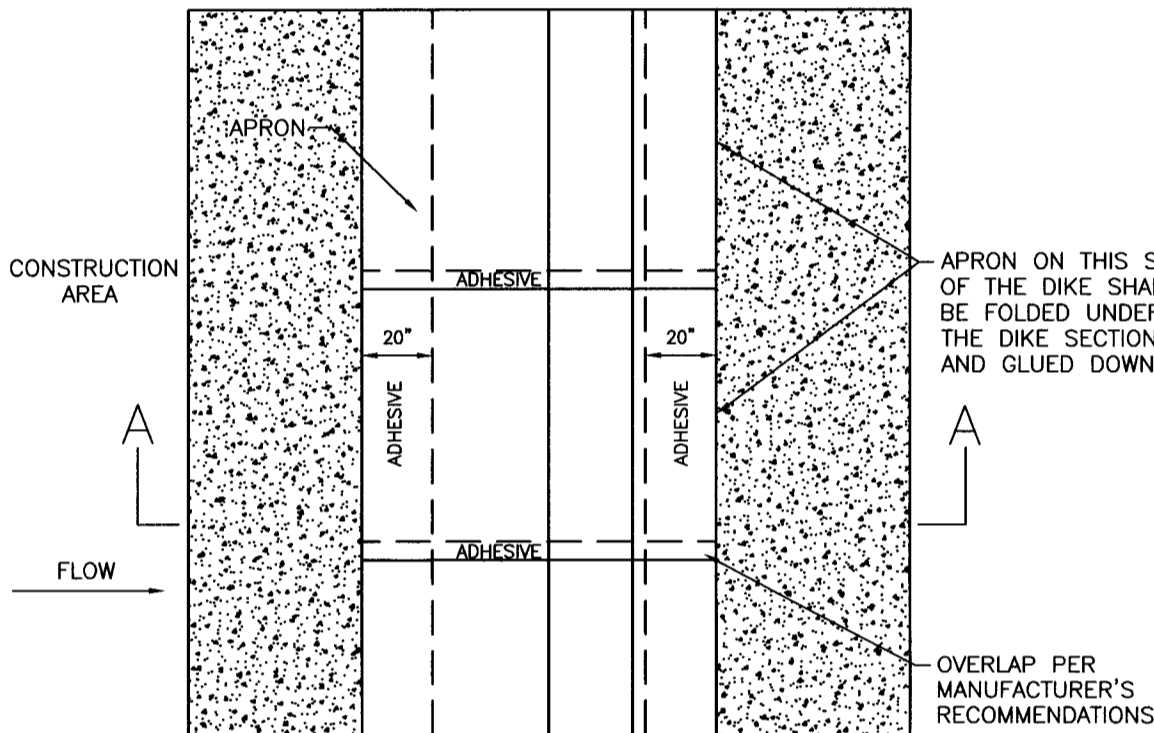
### SEEDING & SODDING NOTES



#### NOTES:

- CONTAINER IS TO BE PORTABLE, TEMPORARY, SELF-CONTAINED, AND WATERTIGHT TO CAPTURE AND CONTAIN CAUSTIC CONCRETE WASTEWATER AND WASHOUT MATERIAL TO A CAPACITY OF APPROXIMATELY 350 YARDS OF POURED CONCRETE.
- THE CONTAINER SHALL BE EQUIPPED WITH RAMPS. A RAMPLESS CONTAINER MAY BE USED IN CONJUNCTION WITH A RAMPED CONTAINER OR BY ITSELF IF A CONCRETE PUMP IS NOT NEEDED.
- THE WASHOUT MUST BE DISPOSED OF OR TREATED AND RECYCLED IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH FEDERAL, STATE OR LOCAL REGULATIONS.
- INSPECT AND CLEAN OUT WHEN 3/4 FULL, NOT ALLOWING THE CONTAINER TO OVERFLOW.
- INSPECT WASTEWATER LEVEL AND REQUEST A VACUUM IF NEEDED.
- INSPECT SUBCONTRACTORS TO ENSURE THAT PROPER HOUSEKEEPING MEASURES ARE EMPLOYED WHEN WASHING OUT EQUIPMENT.

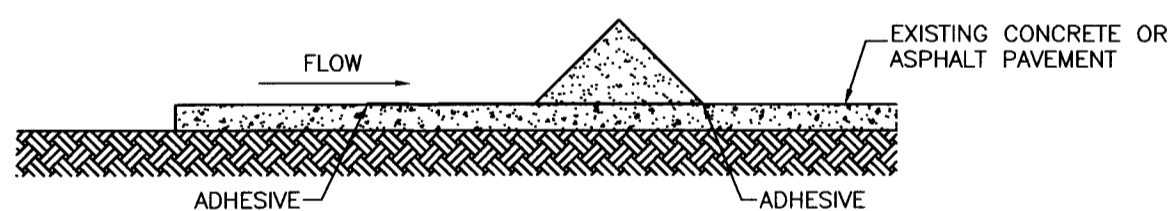
SOURCE BOX	
LAST REVISED:	MANUFACTURER
JUNE 2016	STANDARD
	DETAIL



### DIKE PLAN VIEW

#### NOTES:

- INSTALLED SILT DIKE UNIT SHALL HAVE CONTINUOUS AND FIRM CONTACT WITH PAVEMENT.
- ADHESIVES SHALL BE LIQUID NAIL FOR CONCRETE PAVEMENT APPLICATIONS AND EMULSIFIED ASPHALT FOR ASPHALT APPLICATIONS.
- ADHESIVE SHALL BE PLACED WHERE THE UNITS OVERLAP AND A 20" STRIP ALONG BOTH EDGES.
- BMP REMOVAL SHALL INCLUDE REMOVAL OF ALL ADHESIVES APPLIED TO PAVEMENT SURFACE.

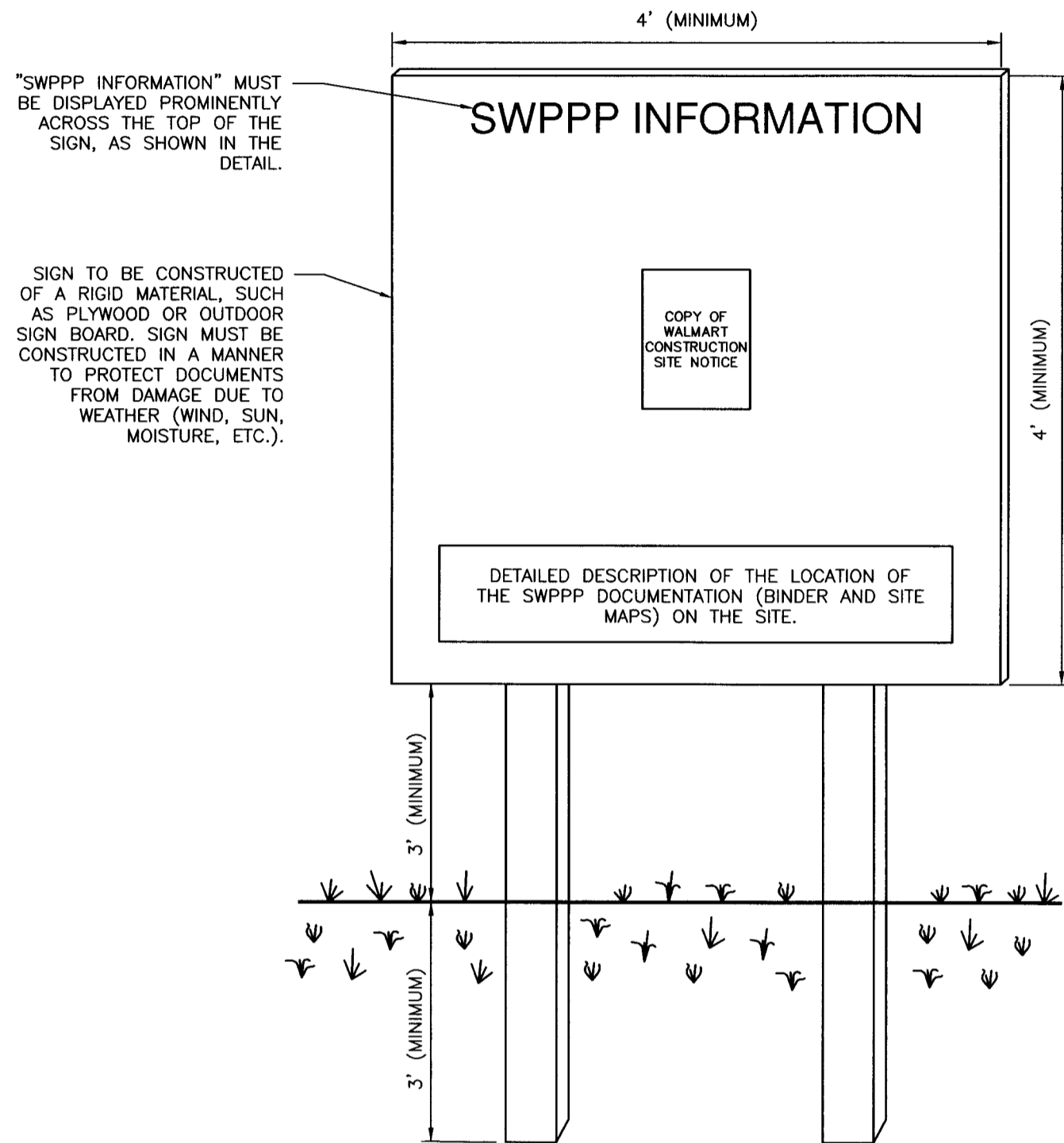


### SECTION A-A

### SILT DIKE (ON EXISTING PAVEMENT)

SOURCE BOX	
LAST REVISED:	WALMART
JULY 1, 2010	STANDARD
	DETAIL

SOURCE BOX	
LAST REVISED:	WAL-MART
JUNE 2012	STANDARD
	DETAIL



#### NOTES:

- THE SWPPP INFORMATION SIGN MUST BE LOCATED IN A PROMINENT, PUBLICLY ACCESSIBLE LOCATION NEAR THE MAIN ENTRANCE OF THE SITE, SUCH THAT THE DOCUMENTATION CAN BE READ WITHOUT ACCESSING THE JOBSITE, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A TRAFFIC SAFETY HAZARD.
- ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
- ALL PAGES OF NOTICES OF INTENT AND PERMIT AUTHORIZATIONS MUST BE POSTED. THE CONTRACTOR MAY UTILIZE ACCESSIBLE WATERPROOF FOLDERS TO STORE THESE DOCUMENTS IF IT WILL BE DIFFICULT TO POST ALL PAGES INDIVIDUALLY.
- CONTRACTOR SHALL POST OTHER STORMWATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE GOVERNING AGENCIES.
- SUBSEQUENT PERMIT MODIFICATION REQUESTS OR RENEWAL APPLICATIONS AND THEIR ASSOCIATED AUTHORIZATIONS OR RESPONSES SHALL BE POSTED ON THE SWPPP SIGN.
- SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
- CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THE SWPPP INFORMATION SIGN.

### SS SWPPP INFORMATION SIGN N.T.S.

SOURCE BOX	
LAST REVISED:	WAL-MART
JUNE 2012	STANDARD
	DETAIL

SOD SHALL BE PEGGED ON ALL SLOPES 4:1 AND GREATER IN ORDER TO HOLD SOD IN PLACE. SEE SITEMARK SPECIFICATIONS FOR OTHER REQUIREMENTS.

ALL DISTURBED AREAS SHALL RECEIVE A 4" LAYER OF SUITABLE TOPSOIL AND HYDRO-SEED, MULCH, OR SOD (WHERE SHOWN). AREA SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED. SOD MAY BE SUBSTITUTED FOR HYDRO-SEED IN TURF GRASS AREAS AT GENERAL CONTRACTOR'S DISCRETION WITH NO ADDITIONAL COST TO WALMART. SOD TYPE SHALL MATCH PERMANENT SOD TYPE SPECIFIED ON CONSTRUCTION PLANS.

PERMANENT SEEDING SHALL BE APPLIED BASED ON THE TIME OF YEAR AND TEMPERATURE OF SOIL.

PERMANENT SEED VARIETY SHALL BE 'TIFTON 419' IMPROVED BERMUDA GRASS.

SEED AT 3 LB / 1000 SQ. FT. WITH A QUALITY STARTER FERTILIZER AS RECOMMENDED BY SOIL TESTS. EARLY FALL AND SPRING SEEDING ARE BEST. LATE SPRING / SUMMER PLANTINGS ARE NOT RECOMMENDED IN MOST LOCATIONS.

SEEDING SHALL BE KEPT MOIST DURING GERMINATION AND EARLY ESTABLISHMENT. GERMINATES IN 14-21 DAYS WITH OPTIMAL SOIL TEMPERATURES, 55° - 80° F. EXPECT FULL COVERAGE IN 8-10 WEEKS, WITH LIGHT USE AT 10-12 WEEKS.

FIRST MOWING RECOMMENDED WHEN TURF REACHES APPROXIMATELY 2" IN HEIGHT

DEVELOPER/OWNER  
WAL-MART REAL ESTATE BUSINESS TRUST  
MAIL STOP 5570  
2001 S.E. 10TH STREET  
BENTONVILLE, AR 72716-5570  
(479) 204-3314

SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:

IMPORTANT: GC MUST SIGN ALL SHEETS AND ANY NEW PLAN SHEETS ISSUED BY THE CEC.

LEGAL: BRIARCREST WAL-MART,  
BLOCK 1, LOT 1 RR, 24.545 AC.  
ZONING: C-2  
OWNER: WAL-MART REAL ESTATE  
BUSINESS TRUST, INC.  
2001 S.E. 10TH STREET  
BENTONVILLE, AR 72716-5570

CARLSON  
CONSULTING  
ENGINEERS, INC.  
1001 W. 10TH STREET, SUITE 100  
BENTONVILLE, AR 72716-5570  
TEL: (479) 204-0710  
FAX: (479) 204-0710

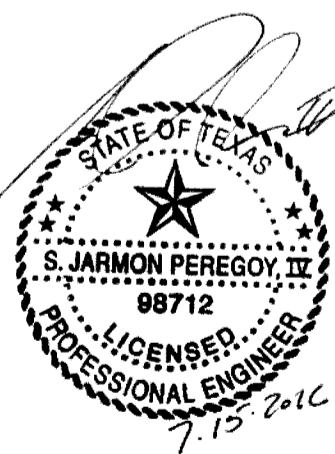
STIPULATION FOR REUSE  
THIS DRAWING WAS PREPARED FOR USE  
CONTEMPORARILY WITH ITS ISSUE  
DATE. IT IS NOT TO BE REUSED FOR  
ANY OTHER PROJECT WITHOUT THE  
WRITTEN PERMISSION OF THE  
DESIGNER. ANY REUSE OF THIS  
DRAWING FOR ANY OTHER PROJECT  
WITHOUT THE WRITTEN PERMISSION  
OF THE DESIGNER IS NOT  
PERMITTED AND MAY BE  
CONSIDERED A VIOLATION  
OF THE LAW.

CONSULTANTS

Walmart  
BRYAN, TX  
2200 BRIARCREST DR.  
STORE NO. 0322-225  
JOB NUMBER: ACADEMY

#### ISSUE BLOCK

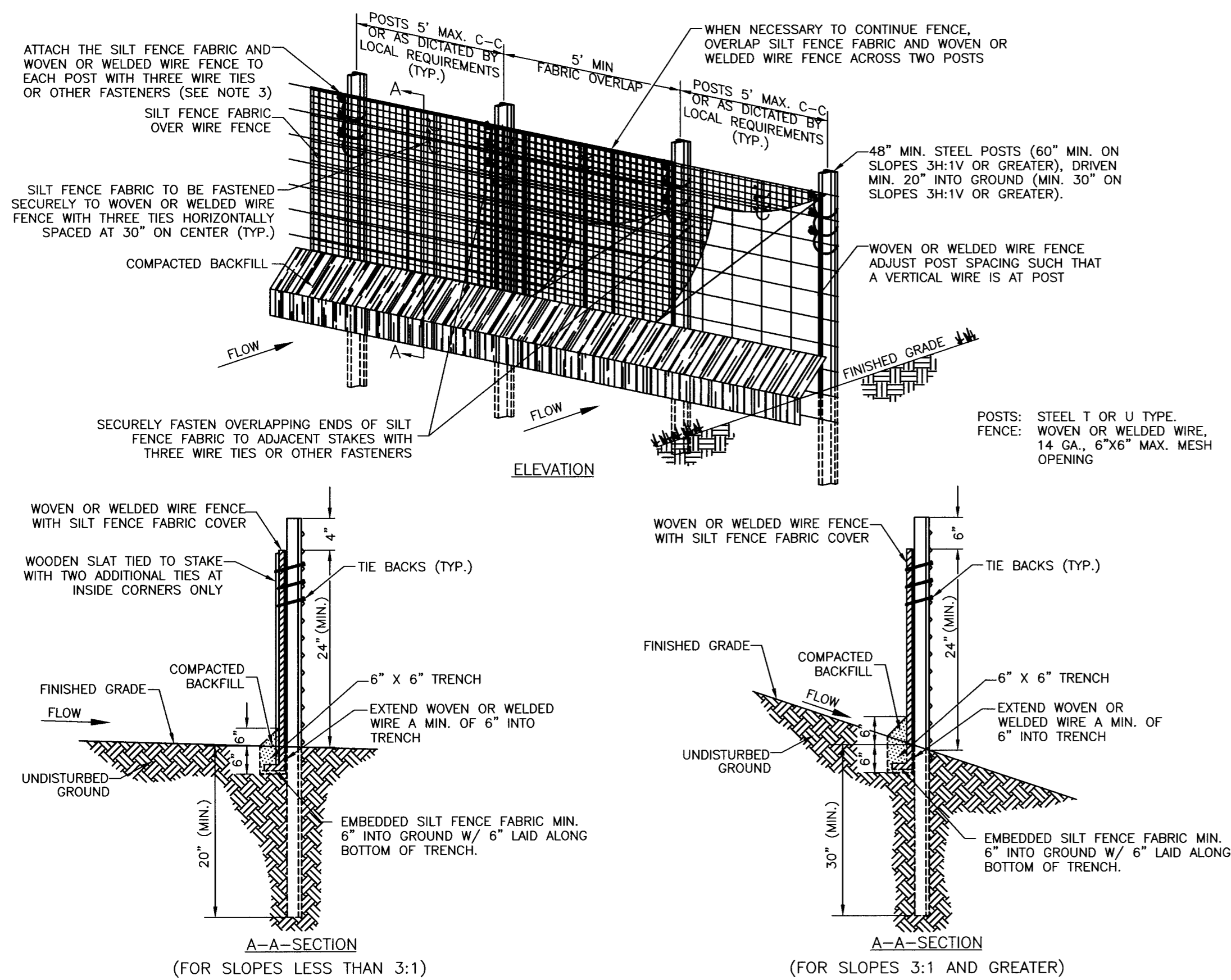

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PROTO:	000 SC/DV
DOCUMENT DATE:	06/28/16



### EROSION CONTROL DETAILS

SHEET:

SD2



SPECIFICATIONS FOR SILT FENCE INSTALLATION				
1. MATERIALS AND INSTALLATION SHALL COMPLY WITH ASTM D 6462 LATEST EDITION.				
2. INSTALL SILT FENCE AT A FAIRLY LEVEL GRADE ALONG THE CONTOUR WITH THE ENDS CURVED UPHILL TO PROVIDE SUFFICIENT UPSTREAM STORAGE VOLUME FOR THE ANTICIPATED RUNOFF.				
3. ATTACH THE GEOTEXTILE OR FABRIC TO THE WOVEN OR WELDED WIRE FENCE WITH THREE WIRE TIES OR OTHER FASTENERS (HORIZONTALLY SPACED EVERY 30"). ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. AT EACH POST, ATTACH THE GEOTEXTILE OR FABRIC AND THE WOVEN OR WELDED WIRE FENCE TO THE POST AS PREVIOUSLY STATED. IN ADDITION, EACH TIE PLACED ON A POST SHALL BE POSITIONED TO HANG ON A POST NIPPLE WHEN TIGHTENED TO PREVENT SAGGING.				
4. WHEN TWO SECTIONS OF SILT FENCE FABRIC ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED A MINIMUM OF 60" ACROSS TWO POSTS, AS SHOWN.				
5. ALL SILT FENCE SHALL INCLUDE WIRE SUPPORT.				
6. WRAP APPROXIMATELY 6" OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.				
7. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 60 POUNDS PER SQ. INCH. COMPACT THE UPSTREAM SIDE FIRST. COMPACT EACH SIDE TWICE FOR A TOTAL OF FOUR TRIPS.				
8. ADD POST CAPS AS NEEDED BASED ON SITE CONDITIONS AND APPLICABLE AGENCY REQUIREMENTS.				

SILT FENCE SECTION	TYPE (WIRE BACK OR SLICED)	SECTION LENGTH (FT)	DRAINAGE AREA (ACRES)	AVERAGE SLOPE OF AREA
SECTION 1	WIRE BACK	125	0.15	3.00±

TABLE 1 Temporary Silt Fence Material Property Requirements					
	Test Method	Units	Supported <sup>a</sup> Silt Fence	Unsupported <sup>a</sup> Silt Fence	Type of Value
Grab Strength	ASTM D 4632	N (lbs)			
	Machine Direction		400 (90)	320 (90)	MARV
	X-Machine Direction		400 (90)	450 (90)	MARV
Permittivity <sup>a</sup>	ASTM D 4491	sec-1	0.05	0.05	MARV
Apparent Opening Size <sup>a</sup>	ASTM D 4751	mm (US Sieve #)	0.60 (30)	0.60 (30)	Max. APV <sup>c</sup>
Ultraviolet Stability	ASTM D 4355	% Retained Strength	70% after 500 h of exposure	70% after 500 h of exposure	Typical

<sup>a</sup>Silt fence support shall consist of 14 gage steel wire with a mesh spacing of 150 mm (6 in.) or prefabricated polymer mesh of equivalent strength.  
<sup>b</sup>These default values are based on empirical evidence with a variety of sediments. For environmentally sensitive areas, a review of previous experience and/or site or regionally specific geotextile tests in accordance with Test Method D 5141 shall be performed by the agency to confirm suitability of these requirements.  
<sup>c</sup>As measured in accordance with Test Method D 4632.

TABLE 1 TAKEN FROM ASTM D 6462-99 (2002)

## SF SEDIMENTATION/SILT FENCE WITH WIRE BACKING

SOURCE BOX	
LAST REVISED:	WAL-MART MODIFIED DETAIL
JUNE 2012	

- ### MAINTENANCE NOTES
- SILT FENCES SHALL BE INSPECTED ALONG ITS ENTIRETY AND MUST BE CLEANED WHEN SEDIMENT HAS ACCUMULATED TO ONE-THIRD THE HEIGHT OF THE SILT FENCE. MAINTENANCE CLEANOUT MUST BE CONDUCTED REGULARLY TO PREVENT ACCUMULATED SEDIMENTS FROM REACHING ONE-THIRD THE HEIGHT OF THE SILT FENCE.
  - ALL MATERIAL EXCAVATED FROM BEHIND SILT FENCE SHALL BE STOCKPILED ON AN UPLAND PORTION OF THE SITE IF SUITABLE FOR REUSE.
  - SPECIAL ATTENTION SHALL BE PAID TO ENSURE THAT NO UNDERMINING OF SILT FENCE HAS OCCURRED AND THAT NO BYPASS IS OCCURRING AT JOINING SECTIONS.
  - IF EXCESS SEDIMENT IS ACCUMULATING IN ANY SECTION OF SILT FENCE, THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL UPSTREAM STABILIZATION MEASURES OR ADDITIONAL BMPs (PENDING CEC APPROVAL) TO PREVENT EXCESSIVE BUILDUP ON SILT FENCE.
  - SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED.

### NOTICE TO CONTRACTOR

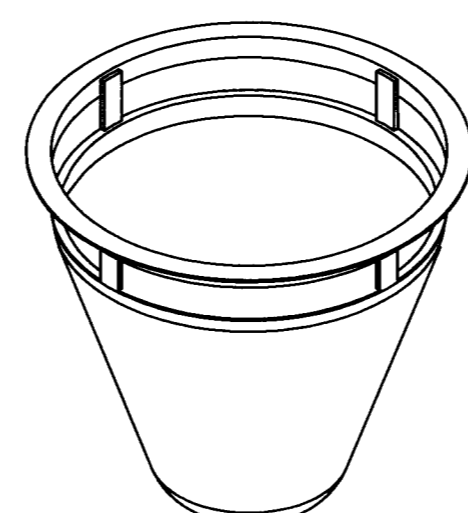
WHERE FILTER BAGS ARE SPECIFIED, THE CONTRACTOR SHALL USE FLEXSTORM INLET FILTERS BY NYLOPLAST® FOR INLET PROTECTION. SINCE THE INLET FILTERS ARE CUSTOMIZED FOR EACH INLET, THE DETAIL PROVIDED SHALL BE USED FOR GENERAL INFORMATION ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ORDER THE APPROPRIATE FLEXSTORM INLET FILTER FOR EACH EXISTING, OR PROPOSED, INLET TYPE REQUIRING PROTECTION. THE CONTRACTOR SHALL CONTACT GARVIN COX, OR THE LOCAL NYLOPLAST® SALES REPRESENTATIVE, FOR ORDERING INFORMATION. AT A MINIMUM, THE CONTRACTOR SHALL BE PREPARED TO PROVIDE THE NYLOPLAST® SALES REPRESENTATIVE INFORMATION RELATED TO INLET TYPE AND DIMENSIONS FOR EACH INLET REQUIRING PROTECTION.

**Nyloplast**  
A division of ADS

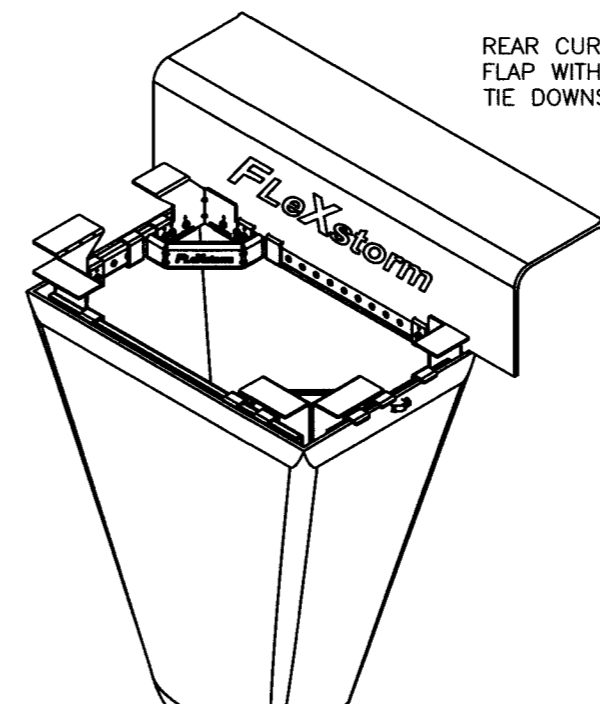
GARVIN COX  
303 W.M. BAUGH LANE  
BROWNWOOD, TX 76801

CELL: (915) 309-8259  
FAX: (866) 843-1147  
garvin.cox@ads-pipe.com

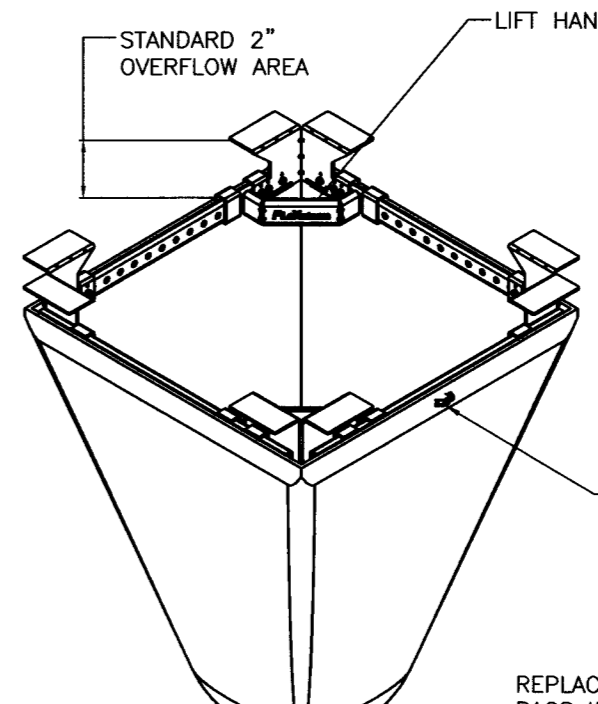
### FLEXSTORM INLET FILTERS PRODUCT SELECTION AND SPECIFICATION DRAWING



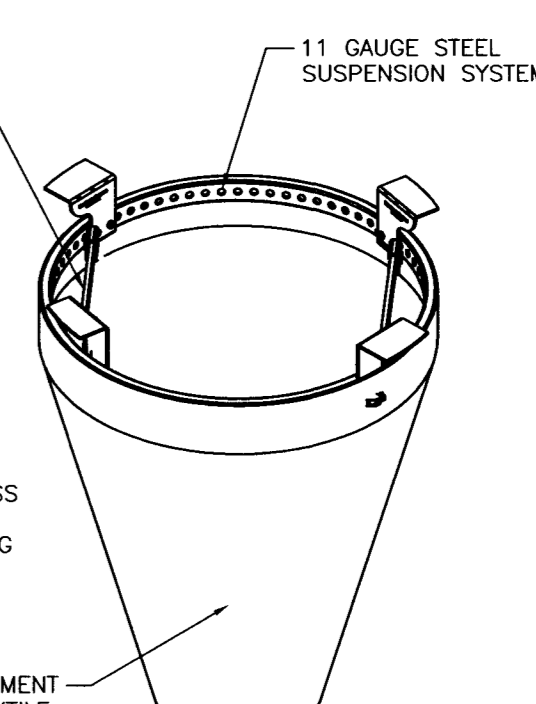
STAINLESS STEEL ROUND INLET FILTERS for NYLOPLAST CASTINGS CATCH-ITS SPECIFIED W/ FX or FX-S BAGS



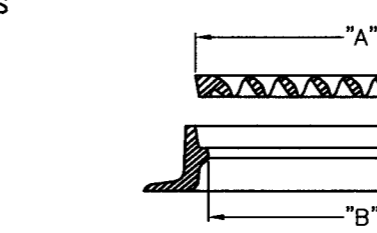
COMBINATION INLET FILTER FOR CURB HOODS



TYPICAL RECTANGULAR INLET FILTER



TYPICAL ROUND INLET FILTER



WALL MOUNT INLET FILTERS FOR OPEN THROAT GUTTERS

1. IDENTIFY YOUR FRAME STYLE, SIZE, AND MATERIAL		
STYLE	FRAME STYLE AND SIZE	FRAME P/N:
ROUND	SMALL ROUND (UP TO 20.0" DIA GRATES (A) DIA)	62SRD
	MED ROUND (UP TO 20.1"-26" DIA GRATES (A) UP TO 25" DIA OPENINGS (B))	62MRD
	LARGE ROUND (UP TO 26.1"-32.0" DIA GRATES (A) UP TO 30" DIA OPENINGS (B))	62LRD
	XL ROUND (UP TO 32.1"-39" DIA GRATES (A) UP TO 37" DIA OPENINGS (B))	62XLRD
RECT / SQUARE	SMALL RECT / SQUARE (UP TO 16" (B) x 16" (D) OPENINGS OR 64" PERIMETER)	62SSQ
	MED RECT / SQUARE (UP TO 24" (B) x 24" (D) OPENINGS OR 96" PERIMETER)	62MSQ
	LARGE RECT / SQUARE (UP TO 36" (B) x 24" (D) OPENINGS OR 120" PERIMETER)	62LSQ
	XL RECT/SQUARE (SIDE BY SIDE 2 PC SET TO FIT UP TO 48" (B)x36" (D) OPENINGS)	62XLSQ
COMBO INLETS	SMALL RECT / SQUARE (REF RECT SIZING; SHIPPED WITH MAGNETIC CURB FLAPS)	62SCB
	MED RECT / SQUARE (REF RECT SIZING; SHIPPED WITH MAGNETIC CURB FLAPS)	62MCB
	LARGE RECT / SQUARE (REF RECT SIZING; SHIPPED WITH MAGNETIC CURB FLAPS)	62LCB
	XL RECT / SQUARE (REF RECT SIZING; SHIPPED WITH MAGNETIC CURB FLAPS)	62XLCB
NYLOPLAST	12" DIAMETER NYLOPLAST CASTINGS (STAINLESS STEEL FRAMING STANDARD)	6212NY
	15" DIAMETER NYLOPLAST CASTINGS (STAINLESS STEEL FRAMING STANDARD)	6215NY
	18" DIAMETER NYLOPLAST CASTINGS (STAINLESS STEEL FRAMING STANDARD)	6218NY
	24" DIAMETER NYLOPLAST CASTINGS (STAINLESS STEEL FRAMING STANDARD)	6224NY
WALL MOUNT	30" DIAMETER NYLOPLAST CASTINGS (STAINLESS STEEL FRAMING STANDARD)	6230NY
	OPEN THROAT GUTTERS - CURB OPENING SIZE	
	UP TO 4" (1 FILTER AND MOUNTING HARDWARE)	62WM1
	BETWEEN 4" AND 8" (2 FILTERS AND MOUNTING HARDWARE)	62WM2
	BETWEEN 8" AND 12" (3 FILTERS AND MOUNTING HARDWARE)	62WM3
	BETWEEN 12" AND 16" (4 FILTERS AND MOUNTING HARDWARE)	62WM4
UPGRADED FRAMING MATERIAL OPTIONS (STANDARD IS ZINC PLATED)		SUFFIX
CHROME PLATED FRAMING FOR HIGH SALT EXPOSURE		-CHR
STAINLESS STEEL FRAMING FOR HIGH SALT AND / OR CHEMICAL EXPOSURE		-SS

- INSTALLATION:
- REMOVE GRATE.
  - DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE.
  - REPLACE GRATE.

### 3. CREATE YOUR FLEXSTORM INLET FILTER PART NUMBER

FRAME P/N FROM STEP 1	FILTER BAG P/N STEP 2	FRAMING MATERIAL

SPECIFICATIONS FOR STANDARD BAGS BY NOMINAL SIZE						
NOMINAL BAG SIZE	SOLIDS STORAGE (CU FT)	FX (WOVEN)	PC (POST CONSTR)	IL (NON WOVEN)	*PC OIL RETENT (OZ)	**PCP OIL RETENT (OZ)
SMALL	1.6	1.2	0.8	0.9	66	155
MEDIUM	2.1	1.8	1.2	1.3	96	185
LARGE	3.8	2.2	1.5	1.6	120	209
XL	4.2	3.6	2.4	2.6	192	370

\*PC FILTER BAG AT 50% MAX ABSORPTION CAPACITY  
\*\*PCP FILTER BAG AT 50% CAPACITY AND MYCLEX SKIMMER AT 100% CAPACITY

ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC. DISTRIBUTED BY ADS  
WWW.INLETFILTERS.COM  
(866) 287-8655 PH  
(630) 355-3477 FX  
INFO@INLETFILTERS.COM

SIZE	DWG NO	REV
SCALE		SHEET 1 OF 1

SOURCE BOX	
LAST REVISED:	MANUFACTURER DETAIL
APRIL 22, 2013	

(PS) FILTER BAG

DEVELOPER/OWNER WAL-MART REAL ESTATE BUSINESS TRUST MAIL STOP 5570 2001 S.E. 10TH STREET BENTONVILLE, AR 72716-5570 (479) 204-3314
SITE OPERATOR/GENERAL CONTRACTOR:
SUPERINTENDENT:

IMPORTANT: GC MUST SIGN ALL SHEETS AND ANY NEW PLAN SHEETS ISSUED BY THE CEC.

LEGAL: BRIARCREST WAL-MART, BLOCK 1, LOT 1 RR, 24.545 AC. ZONING: C-2  
OWNER: WAL-MART REAL ESTATE BUSINESS TRUST, INC. 2001 S.E. 10TH STREET BENTONVILLE, AR 72716-5570

CARLSON CONSULTING ENGINEERS, INC.  
1001 N. GUYTON AVENUE  
SUITE 100  
FARMINGTON, AR 72701  
TEL: (501) 444-4770  
FAX: (501) 444-4770

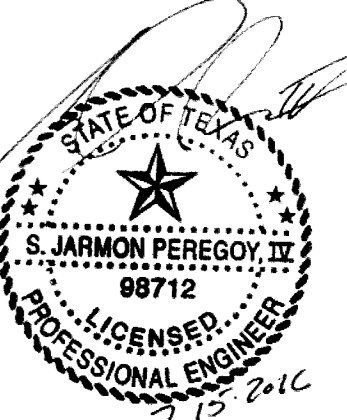
STIPULATION FOR REUSE  
THIS DRAWING WAS PREPARED FOR USE ON THE PROJECT IDENTIFIED HEREIN. IT IS NOT TO BE REUSED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO THE ENGINEER.

CONSULTANTS

Walmart  
BRYAN, TX  
2200 BRIARCREST DR.  
STORE NO. 0322-225  
JOB NUMBER: ACADemy

ISSUE BLOCK	

CHECKED BY:	NK
DRAWN BY:	JKP
PROTO:	000 SC/DV
DOCUMENT DATE:	06/28/16



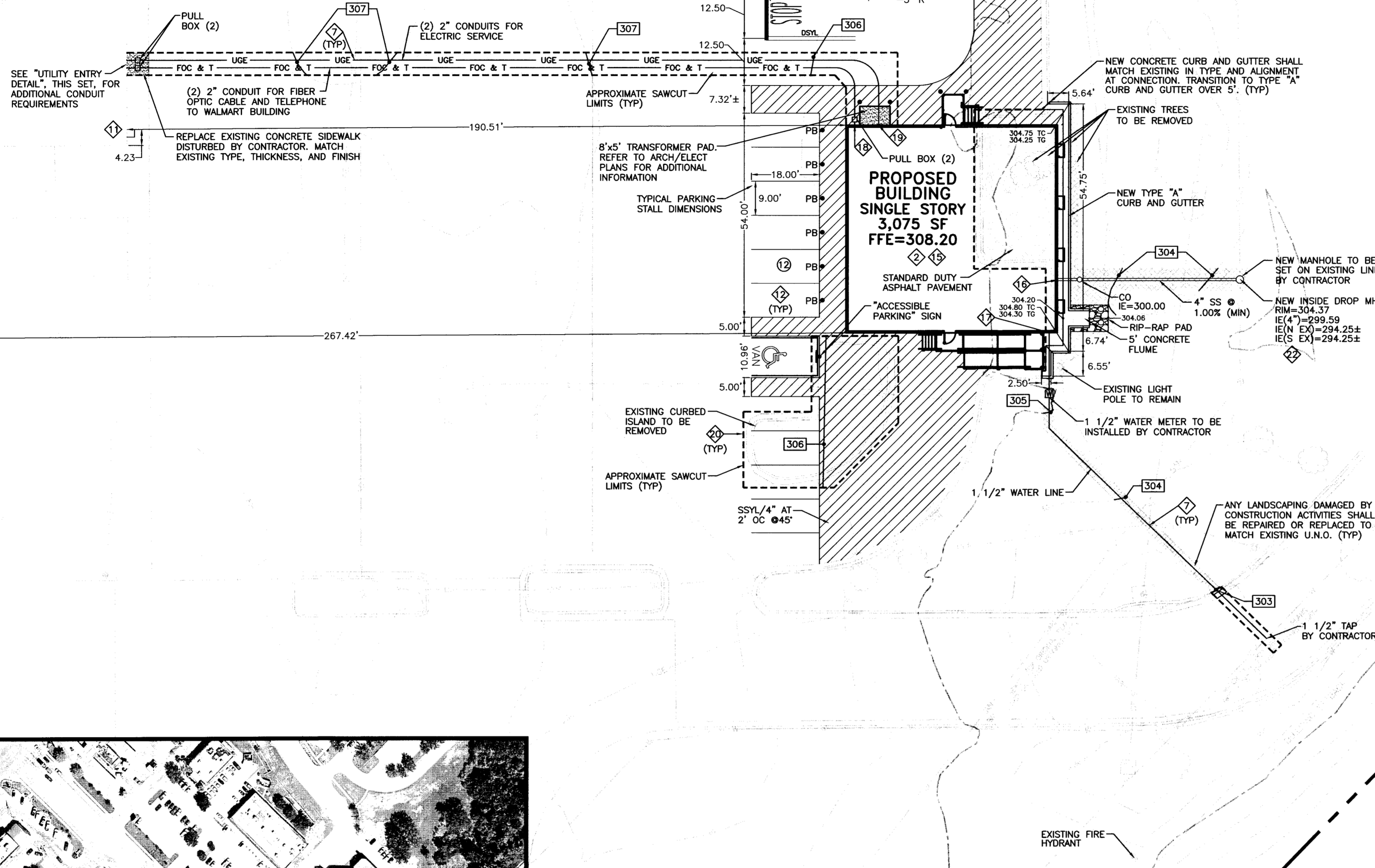
EROSION CONTROL DETAILS

SHEET: SD3

# CAUTION - NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES, APPURTENANCES AND IMPROVEMENTS WHICH CONFLICT WITH THE IMPROVEMENTS SHOWN BY THESE PLANS.

EXISTING BUILDING  
202,307 S.F.



## NOTES:

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL AHJ REGULATIONS AND CODES, O.S.H.A. STANDARDS, AND WALMART SPECIFICATIONS. MOST STRINGENT REQUIREMENTS SHALL GOVERN.
2. CONTRACTOR SHALL REFER TO THE BUILDING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF RAMPS, SIDEWALKS, EXIT PORCHES, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
3. ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL OR LANDSCAPING TO MATCH EXISTING CONDITIONS, SOD, AND WATER UNTIL ESTABLISHED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SPECIFIC FIRE LANE MARKING AND SIGNAGE REQUIREMENTS WITH THE AUTHORITY HAVING JURISDICTION. BY SUBMITTING A BID ON THE PROJECT THE CONTRACTOR AFFIRMS THAT ADEQUATE FUNDS HAVE BEEN INCLUDED TO ADDRESS THIS REQUIREMENT.
5. CONSTRUCTION PLANS PREPARED FROM LIMITED TOPOGRAPHIC SURVEY AND INFORMATION PROVIDED BY OWNER AND OTHERS TO CEC. TITLE COMMITMENT WAS NOT MADE AVAILABLE TO CEC AT TIME OF PLAN PRODUCTION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITEWORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
7. CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN PERFORMING CONSTRUCTION ACTIVITIES IN THE VICINITY OF EXISTING UTILITIES. EXISTING UTILITIES THAT CONFLICT WITH THE PLANNED REPAIR WORK SHALL BE RELOCATED OR LOWERED IN PLACE BY THE CONTRACTOR TO MEET THE SEPARATION AND MINIMUM REQUIREMENTS ESTABLISHED BY LOCAL CODE. CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE WALMART CONSTRUCTION MANAGER AND WALMART MANAGER A MINIMUM OF 72 HOURS PRIOR TO ANY PLANNED DISRUPTION TO UTILITY SERVICES. TEMPORARY UTILITY SERVICES SHALL BE USED IF REQUIRED TO ALLOW FOR NORMAL STORE OPERATION. ANY COSTS ASSOCIATED WITH THIS WORK SHALL BE IN THE CONTRACTOR'S LUMP SUM PRICE FOR THE OVERALL PROJECT.
8. ALL PAVEMENT MARKINGS SUCH AS DIRECTIONAL ARROWS AND LETTERING SHALL BE PAINTED USING TEMPLATES. ALL NEW STRIPING SHALL BE PAINTED (TWO COATS) PER THE SITE WORK SPECIFICATIONS.
9. DIMENSIONS SHOWN ALONG THE PARKING ROW FOR THE PARKING SPACE LAYOUT ARE TO THE CENTER OF THE 4" STRIPES. ALL OTHER DIMENSIONS ARE TO THE EDGE OF GUTTER U.N.O.
10. PAINTED ISLAND TYPICAL UNLESS NOTED OTHERWISE. STRIPES SHALL BE PAINTED 5/8" x 4" AT 2'-0" O.C. @ 45° SPACE.
11. BUILDING TIES SHOWN FROM THE CORNER OF BUILDING TO A POINT PERPENDICULAR TO THE EXISTING BUILDING WALL.
12. ALL EXISTING STRIPING THAT CONFLICTS WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED BY BEAD BLASTING.
13. CONTRACTOR SHALL ENSURE ANY STRIPING TO REMAIN IMPACTED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING.
14. ALL NECESSARY INSPECTIONS, APPROVALS, AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR AUTHORITIES SHALL BE COMPLETED PRIOR TO THE ANNOUNCED BUILDING POSSESSION AND THE FINAL CERTIFICATION OF SERVICES.
15. ANY ASPHALT REMOVED UNDER THE PROPOSED BUILDING SHALL BE REPLACED PER THE PAVING SECTION DETAIL.
16. 4" SANITARY SEWER ENTRY. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
17. 1 1/2" DOMESTIC WATER ENTRY. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
18. FIBER OPTIC & TELEPHONE ENTRY. CONTRACTOR SHALL EXTEND CONDUITS TO THE BUILDING STUB OUT PROVIDED BY OTHERS AND SHALL PROVIDE AND INSTALL ALL PULL BOXES AND OTHER APPURTENANCES REQUIRED BY OWNER. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
19. ELECTRIC ENTRY. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
20. EDGE OF NEW PAVEMENT TO MATCH ELEVATION OF EXISTING.
21. CONTRACTOR SHALL VERIFY AS-BUILT INVERT ELEVATION AND ADVISE ENGINEER OF ANY DISCREPANCIES.
22. CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM APPROPRIATE UTILITY COMPANIES AND CONTRACTOR HAS BEEN NOTIFIED.
23. CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDERS FOR REQUIREMENTS OF UTILITY SERVICES. ALL APPURTENANCES REQUIRED BUT NOT PROVIDED BY THE UTILITY PROVIDERS SHALL BE SUPPLIED BY THE CONTRACTOR AND INSTALLED PER THE UTILITY PROVIDER'S REQUIREMENTS.
24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ANY UTILITY COMPANY WHICH MAINTAINS A UTILITY LINE WITHIN THE BOUNDARIES OF THE PROJECT PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY FOR ANY DAMAGE, INCURRED BY ANY UTILITY COMPANY, TO THEIR LINES AS A RESULT OF HIS ACTIVITIES, WHETHER THESE LINES ARE SHOWN ON THE CONSTRUCTION PLANS OR NOT.
25. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF THE EXISTING CONDITIONS OF THE SITE, AND OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE HIM OF ANY RESPONSIBILITY FOR PERFORMING HIS WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO THE FAILURE OF THE GENERAL CONTRACTOR TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.
26. PRIOR TO THE START OF CONSTRUCTION OF OR CONNECTION TO ANY SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM CARLSON CONSULTING ENGINEERS, INC. AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. CARLSON CONSULTING ENGINEERS, INC. AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO DO SO.

## FIBER OPTIC CABLE AND TELEPHONE LINE CONDUIT REQUIREMENTS

**CONDUIT**  
THE CONDUIT DIAMETER SHALL BE AS FOLLOWS:  
FIBER OPTIC CABLE AND TELEPHONE LINE CONDUIT - ALL LOCATIONS - TWO (2) 2" CONDUITS. THE CONDUITS SHALL BE 2" DIAMETER CARLON TYPE 106" DIRECT BURIAL TELEPHONE DUCT OR OR 2" SCHEDULE 40 PVC. INSTALL GALVANIZED PULL WIRE OR PROPYLENE POLYETHYLENE ROPE WITH A MINIMUM PULLING TENSION OF 100 POUNDS IN EACH CONDUIT. THE MINIMUM BURIAL DEPTH SHALL BE 24". INSTALL AN ORANGE DETECTABLE HAZARD TAPE WITH INTEGRAL "BURIED FIBER OPTIC CABLE" WORDING, 12" ABOVE THE TRENCHED CONDUITS.

**BENDS**  
ALL CHANGES IN DIRECTION OF THE FIBER OPTIC CONDUIT WILL REQUIRE LONG FACTORY SWEEPS (NOT STANDARD SWEEPS) WITH RADIUS NOT LESS THAN 10 TIMES THE DIAMETER OF THE CONDUIT. NO MORE THAN TWO (2) 90 DEGREE BENDS WILL BE ALLOWED BETWEEN PULLING POINTS, OR A TOTAL OF 180 DEGREES COMBINED IN SEVERAL BENDS. BOXES SHALL BE LOCATED EVERY 300' FOR FIBER OPTIC CONDUIT UNLESS THE COMBINED TOTAL OF BENDS REQUIRES ADDITIONAL BOXES. CONDUIT SHOULD ENTER AND EXIT THE PULL BOXES 180 DEGREES APART.

**PULL BOXES**  
ALL PULL BOXES LOCATED IN PAVED AREAS SUBJECT TO TRUCK TRAFFIC SHALL BE "H-20" LOAD RATED. THE TYPICAL PULL BOX SIZE FOR FIBER OPTIC CONDUIT SHALL BE 18"x24"x24". DEEPER BOXES MAY BE REQUIRED WHEN THE CONDUIT ALIGNMENT IS AFFECTED BY OTHER UTILITIES. THE PULL BOX SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS WITH A CONCRETE COLLAR AND A MINIMUM OF 8" OF GRAVEL COMPACTED PER THE PROJECT SPECIFICATIONS. IF USING A PULL BOX TO CHANGE DIRECTION FOR THE FIBER OPTIC CONDUIT, THE MINIMUM BOX SIZE SHALL BE 48"x48"x24" PRE-CAST CONCRETE WITH A SEPARATE MANHOLE AND LID COLLAR.

## NOTICE TO CONTRACTOR

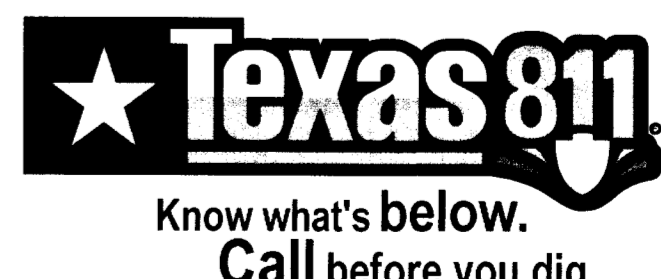
THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE DAMAGE TO EXISTING ITEMS TO REMAIN DOES NOT OCCUR. THESE PRECAUTIONS SHALL INCLUDE, BUT ARE NOT LIMITED TO, USE OF LIGHTLY LOADED EQUIPMENT IN ORDER TO PREVENT DAMAGE TO EXISTING ROADWAYS AND INFRASTRUCTURE. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY EXISTING ON-SITE OR OFF-SITE ITEMS INCLUDING RELATED APPURTENANCES THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE. THOSE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: DRAINAGE SYSTEMS, UTILITIES, CURBS, PAVEMENT, LANDSCAPING, IRRIGATION SYSTEMS, FENCING, RETAINING WALLS, PUBLIC ROADWAYS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS, AND SHALL BE TO THE SATISFACTION OF THE OWNER OF THE REPAIRED ITEM. PRIOR TO MAKING ANY REPAIRS, THE CONTRACTOR SHALL SUBMIT DETAILED REPAIR METHODOLOGY TO THE CEC AND WALMART CM. REPAIRS SHALL NOT BEGIN UNTIL WRITTEN APPROVAL FROM THE CEC AND WALMART CM HAS BEEN ISSUED. CONTRACTOR SHALL DOCUMENT ANY EXISTING DAMAGE WITH PHOTOS, VIDEOS, ETC., AND NOTIFY THE WALMART CONSTRUCTION MANAGER PRIOR TO COMMENCING CONSTRUCTION IN THE AREA OF THE EXISTING DAMAGED ITEM.

## PARKING INFORMATION

	BUILDING SQ.FT. <sup>1</sup>	PARKING REQUIRED SPACES	TOTAL PARKING PROVIDED SPACES <sup>2,3</sup>	TOTAL PARKING RATIO SPACES <sup>3</sup>
PROPOSED BUILDING	3,075	4.00/1,000 = 12 SPACES	989 SPACES (EXISTING)	4.82/1,000 SQ.FT. (EXISTING)
WALMART (EXISTING)	202,307	4.00/1,000=809 SPACES	972 SPACES (POST DEVELOPMENT)	4.73/1,000 SQ.FT. (POST DEVELOPMENT)
TOTAL	205,382	822 SPACES		

### NOTES

1. EXISTING AND PROPOSED BUILDING SIZE PROVIDED BY CYNTERGY, INC.
2. EXISTING PARKING COUNTS ARE BASED ON ORIGINAL CONSTRUCTION PLANS PROVIDED BY OTHERS AND A REVIEW OF AVAILABLE AERIAL PHOTOGRAPHS.
3. PARKING SPACES OCCUPIED BY CART CORRALS HAVE BEEN EXCLUDED FROM THE PARKING COUNTS AND PARKING RATIOS.



LEGAL: BRIARCREST WAL-MART,  
BLOCK 1, LOT 1 RR, 24.545 AC.  
ZONING: C-2  
OWNER: WAL-MART REAL ESTATE  
BUSINESS TRUST, INC.  
2001 S.E. 10TH STREET  
BENTONVILLE, AR 72716-5570

CARLSON  
CONSULTING  
ENGINEERS, INC.  
1001 N. WILSON ST.  
SUITE 100  
BENTONVILLE, AR 72716-5570  
P-1882

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OR MECHANICAL, INCLUDING PHOTOCOPYING,  
RECORDING, OR BY ANY INFORMATION  
STORAGE AND RETRIEVAL SYSTEM, WITHOUT  
THE WRITTEN PERMISSION OF CARLSON  
CONSULTING ENGINEERS, INC. ANY  
UNAUTHORIZED REUSE OF THIS DRAWING  
FOR ANY PROJECT IS NOT PERMITTED  
AND MAY BE CAUSE FOR LITIGATION.

CONSULTANTS

Walmart  
BRYAN, TX  
2200 BRIARCREST DR.  
STORE NO. 0322-225  
JOB NUMBER: ACADAMY

### ISSUE BLOCK

NO.	DATE	DESCRIPTION

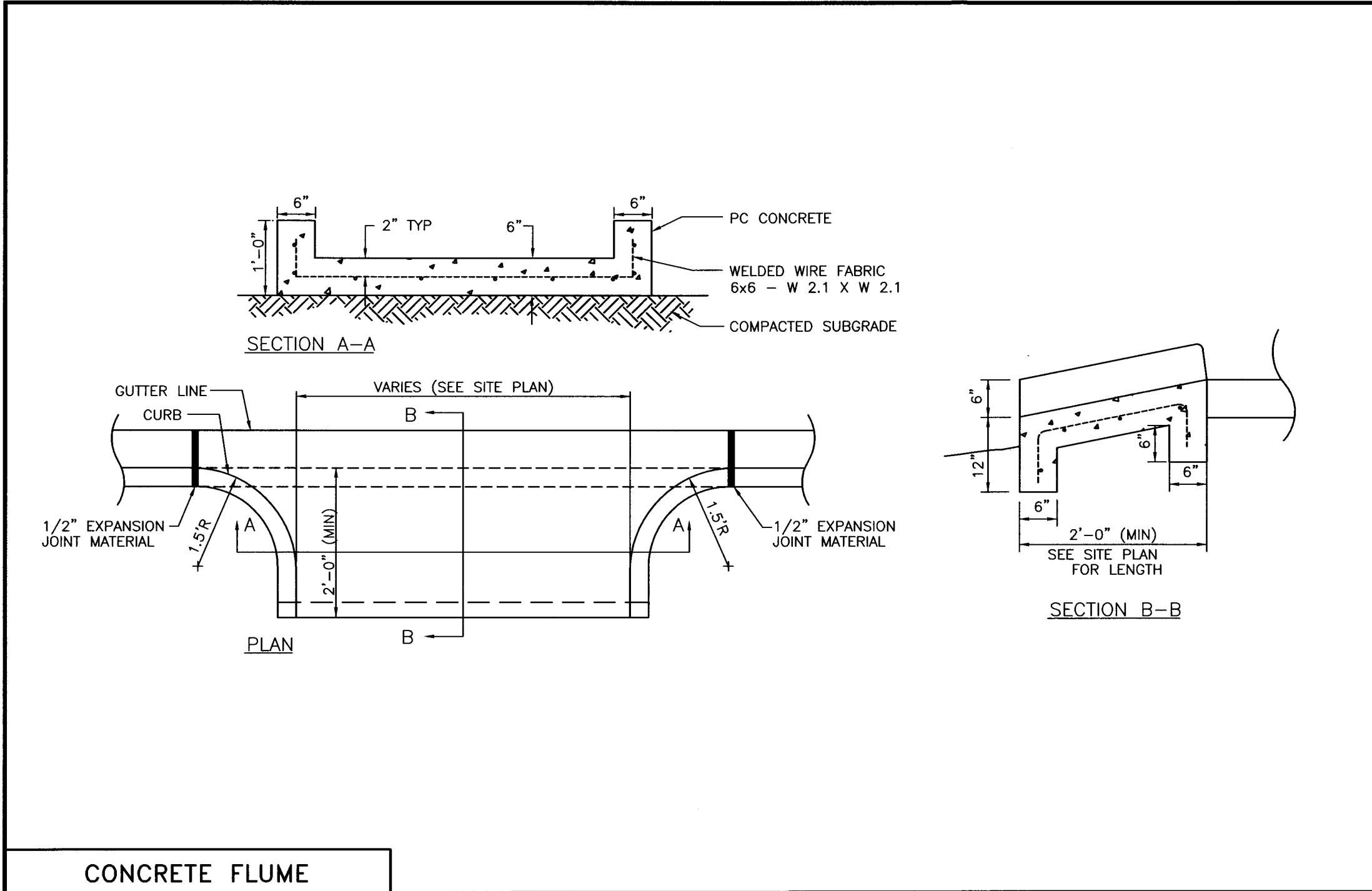
CHECKED BY: NK  
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PROTO: 000 SC/DV  
DOCUMENT DATE: 06/28/16



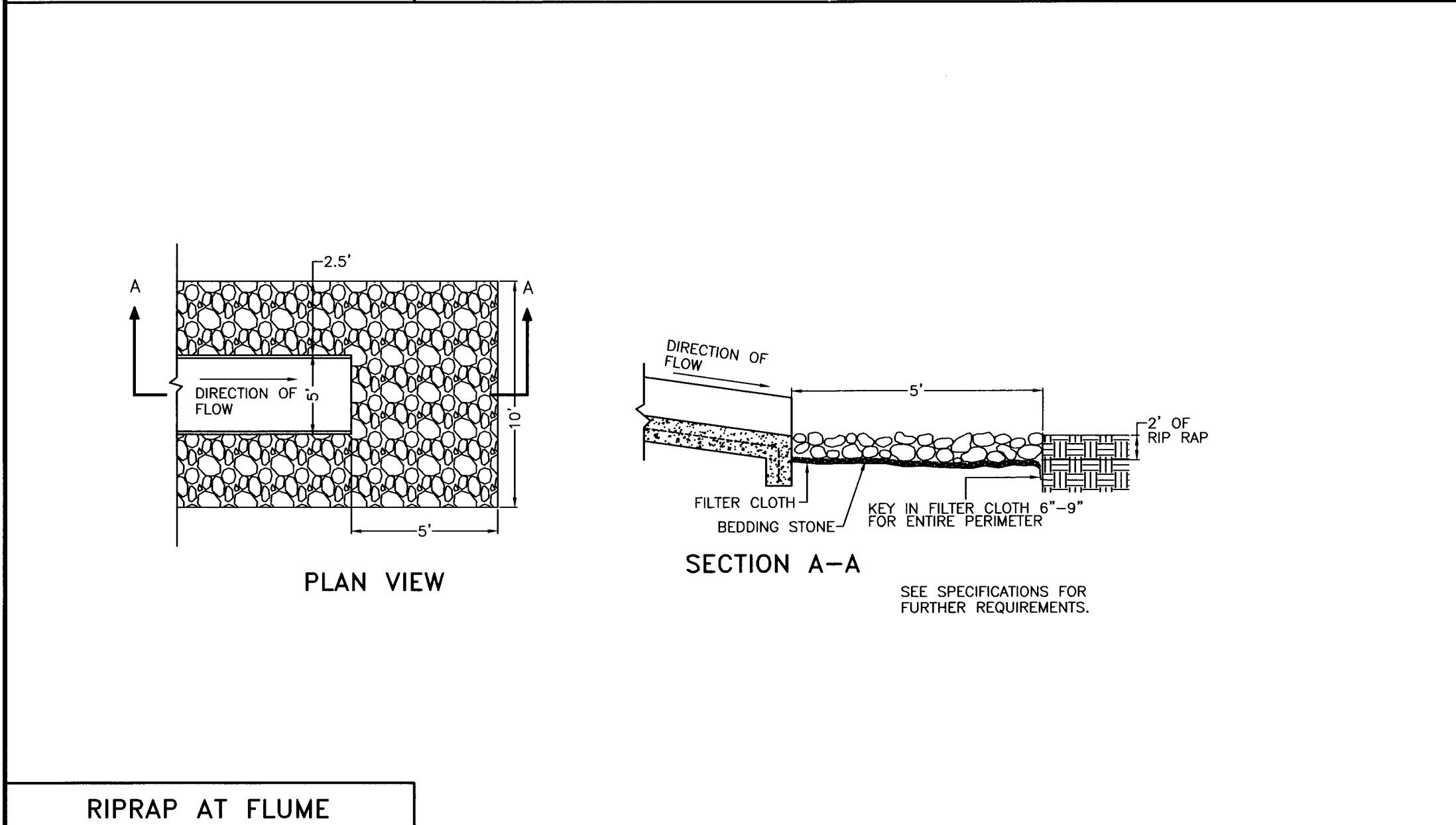
## IMPROVEMENT PLAN

SHEET:  
SD4





CONCRETE FLUME

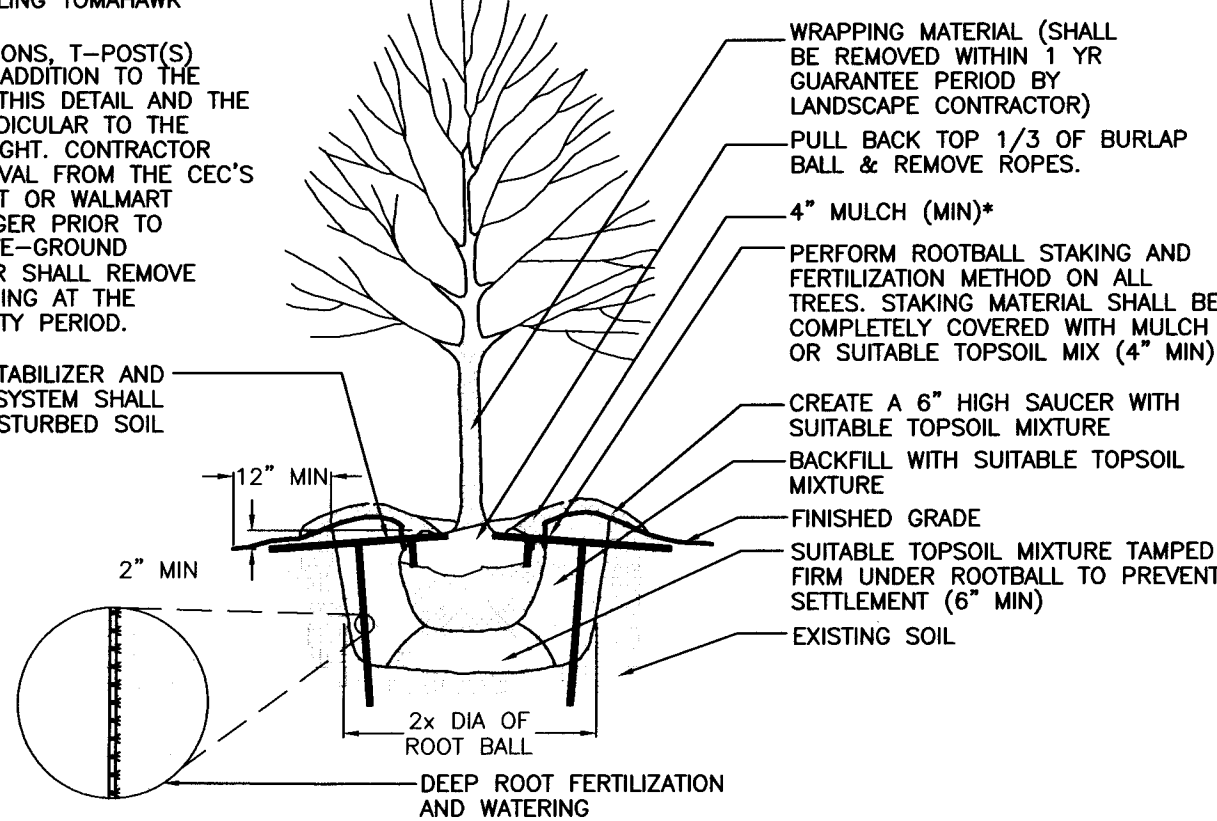


RIPRAP AT FLUME

NOTES:

1. SEE PLANTING NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.
2. PRUNE TREE AS DIRECTED BY CEC'S LANDSCAPE ARCHITECT.
3. BRANCHING HEIGHT TO AAN STANDARDS.
4. SEE PLANS & SPECS FOR APPROVED MATERIALS AND INSTALLATION REQUIREMENTS.
5. CARE SHALL BE TAKEN NOT TO CUT, CRIMP, OR PINCH ANY DRIP IRRIGATION TUBING WHILE INSTALLING TOMAHAWK TREE STABILIZER.
6. IN HIGH WIND SITUATIONS, T-POST(S) SHALL BE ADDED IN ADDITION TO THE STAKING SHOWN ON THIS DETAIL AND THE TREE GUIED PERPENDICULAR TO THE TRUNK AT CHEST HEIGHT. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CEC'S LANDSCAPE ARCHITECT OR WALMART CONSTRUCTION MANAGER PRIOR TO INSTALLING ANY ABOVE-GROUND STAKING. CONTRACTOR SHALL REMOVE ABOVE-GROUND STAKING AT THE END OF THE WARRANTY PERIOD.

SECTION NTS



TREE PLANTING

LANDSCAPING

PLANT SCHEDULE

QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE (BOTH MIN'S TO BE MET)	SPACING	CONDITION	REMARKS
TREES:							
8	⊙	ULMUS PARVIFOLIA 'EMER II' PP 7552	'ALLEE' ELM	2" - 2-1/2" C / 8" - 10' HT	AS SHOWN	B&B/CONT	MATCHING, SINGLE LEADER
SYMBOLS SHOWN IN TABLE ABOVE ARE FOR SPECIES IDENTIFICATION ONLY. PLANT SIZE SHOWN IN THE TABLE IS NOT INTENDED TO BE REPRESENTATIVE OF THE PLANT AT EITHER INSTALLATION OR MATURITY. SIZE OF SYMBOL SHOWN IN TABLE ABOVE MAY VARY FROM THOSE SHOWN ON PLANS.							

NOTE: ALL SIZES AND CONDITION OF NURSERY STOCK SHALL MEET THE STANDARDS ESTABLISHED IN THE LATEST EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK" PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERMEN.

NOTE: NO SUBSTITUTIONS OF PLANT MATERIALS ARE ALLOWED WITHOUT THE PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT.

LEGAL: BRIARCREST WAL-MART, BLOCK 1, LOT 1 RR, 24.545 AC. ZONING: C-2 OWNER: WAL-MART REAL ESTATE BUSINESS TRUST, INC. 2001 S.E. 10TH STREET BENTONVILLE, AR 72716-5570

LDING

ALL LANDSCAPING REMOVED DURING CONSTRUCTION SHALL BE REPLACED AT THE SAME TYPE, QUANTITY AND CULTVAR U.N.O.

CARLSON CONSULTING ENGINEERS, INC.  
7006 LEDGESTONE COMMONS  
BRYAN, TX 77803  
PH: (817) 444-4000 FAX: (817) 444-0710  
P.E. 0001284-0001

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CONSULTANTS

Walmart  
BRYAN, TX  
2200 BRIARCREST DR.  
STORE NO. 0322-225  
JOB NUMBER: ACADEMY

ISSUE	BLOCK

CHECKED BY: NK  
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DOCUMENT DATE: 06/28/16

CONSTRUCTION DETAILS

SHEET: SD6